

METHODS AND APPARATUS FOR PASSIVE ILLUMINATION OF REFUELING HOSES

ABSTRACT OF THE DISCLOSURE

5 Methods and apparatus for illumination of aerial refueling hoses are disclosed. In one
embodiment, a conduit for transferring a flowable material includes a wall member. A
plurality of reflective members are at least one of formed within an outer layer of the wall
member and disposed on an outer surface of the wall member. The reflective members are
adapted to at least partially reflect light incident thereon. In one aspect, the reflective
10 members include reflective glass beads. In a further aspect, a first portion of the wall
member has a first concentration of reflective members, and a second portion has a second
concentration of reflective members.

15

20




25315

PATENT TRADEMARK OFFICE

- 15 -

BING-I-1019AP

BLACK LOWE & GRAHAM^{PLLC}


816 Second Avenue
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301